

Amendments to the Claims

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended) A coolant for a machine in a state of solution which does not contain a mineral oil and contains a water-soluble substance including amine and inorganic salt ~~in which a water-soluble substance is dissolved~~, wherein a sodium nitrite is added as additive by an amount of not less than 0.345 weight % for preventing crevice corrosion from causing.

2. (Currently Amended The coolant according to claim 1, ~~wherein said~~ wherein the water-soluble substance comprises:

a surface active agent (organic amine salt, boric acid amine salt, organic amine, organic amanoide type rust preventives), which also acts as a rust preventive,

non-ferrous metal anticorrosive (triasol type compound),

antiseptic agent (xylenol type compound),

and water ~~includes amine and inorganic salt.~~

3. (Currently Amended) A coolant for a machine in a state of solution comprising ~~0.1MNa₂CO₃, 0.01MNaCl~~ 0.1M Na₂CO₃, 0.01M NaCl, 2 weight % of coolant solution which does not contain a mineral oil and contains a water-soluble substance including amine and inorganic salt, and a sodium nitrite added as additive by an amount of not less than 0.345 weight %.

4. (Currently Amended) A coolant for a machine in a state of solution comprising ~~0.1M Na₂CO₃, 0.01M NaCl~~ 0.1M Na₂CO₃, 0.01M NaCl, 2 weight % of surface active agent, and a sodium nitrite added as additive by an amount of not less than 0.069 weight %.

5. (Currently Amended) A machining device, wherein
a structural member of the machining device is ~~composed of a material which reacts with a coolant including a sodium nitrite as additive by an amount of not less than 0.345 weight % for preventing crevice corrosion from causing~~ formed of material including a carbon steel and is coated by a film for suppressing generation of crevice corrosion,

wherein the film is formed by reaction of a sodium nitrite in a coolant to the carbon steel,
and

wherein the coolant contains a water-soluble substance including amine and inorganic salt and contains a sodium nitrite as additive by an amount of not less than 0.345 weight %.

6. (Currently Amended) The machining device according to ~~claim 3~~ claim 5, wherein ~~said the carbon steel material constituting the structural member is a carbon steel for constituting the machine structure~~ includes carbon of 0.07 to 0.61 weight %.

7. (New) The machining device according to claim 5, wherein the water-soluble substance comprises

a surface active agent (organic amine salt, boric acid amine salt, organic amine, organic amanoide type rust preventives), which also acts as a rust preventive,

non-ferrous metal anticorrosive (triasol type compound),

antiseptic agent (xylenol type compound), and

water.